

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--------------------------------------|--|------------------|---------|------------------|
| L1 | 4924 | vector adj4 quantization | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/30 10:56 |
| L2 | 2 | L1 and occupancy adj4 classification | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/30 10:56 |
| L3 | 673 | 340/665 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/30 10:57 |
| L4 | 9 | L3 and neural | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/30 11:17 |
| L5 | 437 | 340/667 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/30 10:57 |
| L6 | 10 | L5 and neural | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/30 10:57 |
| L7 | 628 | 340/666 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/30 10:57 |
| L8 | 2 | L7 and neural | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/30 11:22 |

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|-----|------|--------------------------|---|----|-----|------------------|
| L9 | 1305 | 280/734 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/30 10:58 |
| L10 | 60 | L9 and neural | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/30 10:58 |
| L11 | 54 | L10 and seat | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/30 10:58 |
| L12 | 54 | L10 and seat | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/30 10:58 |
| L13 | 40 | L12 and classification | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/30 10:58 |
| L14 | 2011 | 180/271 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/30 10:59 |
| L15 | 62 | L14 and neural | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/30 10:59 |
| L16 | 6 | L15 and sensor adj array | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/30 11:18 |

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|-----|-----|--------------------------|---|----|-----|------------------|
| L17 | 132 | 180/290 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/30 10:59 |
| L18 | 1 | L17 and sensor adj array | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/30 10:59 |
| L19 | 796 | 180/273 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/30 10:59 |
| L20 | 23 | L19 and sensor adj array | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/30 10:59 |
| L21 | 631 | 706/20 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/30 10:59 |
| L22 | 58 | L21 and vehicle | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/30 10:59 |
| L23 | 13 | L22 and seat | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/30 10:59 |
| L24 | 55 | 702/129 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/30 11:17 |

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| L25 | 146 | 702/101 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/30 11:00 |
| L26 | 18 | L25 and seat | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/30 11:00 |
| L27 | 549662 | seat adj4 occupying and array daj4 sensors | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/30 11:00 |
| L28 | 9468 | L27 and size adj5 weight | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/30 11:00 |
| L29 | 2851 | L28 and orientation | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/30 11:00 |
| L30 | 682 | L29 and child | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/30 11:00 |
| L31 | 1 | L30 and vector adj4 quantization | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/30 11:15 |
| L32 | 330416 | 180/271, "273", "290".ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/30 11:01 |

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|-----|-----|---|---|----|-----|------------------|
| L33 | 636 | 32 and vehicle adj seat | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/30 11:02 |
| L34 | 9 | 33 and vector.near5 algorithm | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/30 11:03 |
| L35 | 39 | ("3275975" "4691569" "4810100" "4881270" "4906940" "5008946" "5031154" "5071160" "5074583" "5118134" "5181254" "5214744" "5235339" "5298732" "5305012" "5330226" "5366241" "5390136" "5398185" "5413378" "5454591" "5482314" "5490069" "5585625" "5602734" "5605348" "5626359" "5636864" "5653462" "5684701" "5702123" "5722686" "5782482" "5829782" "5845000" "5943295" "5954360" "6007095").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/30 11:15 |
| L36 | 117 | sensor adj3 array and neural adj net | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/30 11:23 |
| L37 | 10 | 36 and learning adj4 vector | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/30 11:25 |

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|----|--------|---|---|----|-----|------------------|
| S1 | 196 | ("20020003345" "20020056975" "20020079728" "20020098730" "20020195807" "20030040858" "20030071479" "20030090133" "20030106723" "20030111276" "20030164715" "20030171036" "20030189362" "5377108" "5404128" "5413378" "5474327" "5485000" "5570903" "5583771" "5594222" "5653462" "5684701" "5694320" "5731781" "5739757" "5748473" "5810392" "5822707" "5829782" "5835613" "5848802" "5877677" "5890758" "5901978" "5931254" "5931527" "5943295" "5954398" "5971432" "5975612" "6012007" "6020812" "6027138" "6030038" "6039139" "6043743" "6045405" "6056079" "6059358" "6078854" "6079763" "6081757" "6088640" "6089641" "6101436" "6102463" "6116639" "6129168" "6129404" "6134492" "6138067" "6141432" "6168198" "6186537" "6220627" "6234519" "6234520" "6242701" "6250671" "6250672" "6253134" "6254127" "6270116" "6279946" "6283503" "6323444" "6324453" "6325414" "6330501" "6342683" "6353394" "6393133" "6394490" "6397136" "6407347" "6412813" "6416080" "6422595" "6442465" "6442504" "6445988" "6452870" "6457545" "6474739" "6476514" "6506069" "6532408" "6605877" "6609054" "6615122" "RE37260"). PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/26 14:54 |
| S2 | 534668 | seat adj4 occupying and array daj4 sensors | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/26 14:55 |
| S3 | 9060 | S2 and size adj5 weight | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/26 14:56 |

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|-----|------|--------------------------------------|---|----|-----|------------------|
| S4 | 2706 | S3 and orientation | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/26 14:56 |
| S5 | 642 | S4 and child | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/26 14:56 |
| S6 | 1 | S5 and vector adj4 quantization | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/30 11:00 |
| S7 | 4791 | vector adj4 quantization | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/26 14:57 |
| S8 | 0 | S7 and child near4 seat | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/26 14:58 |
| S9 | 2 | S7 and occupancy adj4 classification | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/30 10:56 |
| S10 | 0 | S4 and volumne | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/26 14:59 |
| S11 | 0 | S4 and volumin | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/26 14:59 |

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|-----|------|--|---|----|-----|------------------|
| S12 | 4 | seat and classifying adj occupancy | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/26 15:07 |
| S13 | 0 | ("2004/0231906").URPN. | USPAT | OR | OFF | 2005/08/26 15:09 |
| S14 | 0 | ("2004/0045758").URPN. | USPAT | OR | OFF | 2005/08/26 15:09 |
| S15 | 110 | S7 and vehicle | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/26 15:18 |
| S16 | 3183 | 340/438 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/26 17:11 |
| S17 | 100 | S16 and weight adj5 seat | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/26 15:19 |
| S18 | 10 | ("4565940" "4626730" "4935614" "5026977" "5159498" "5232243" "5327397" "5494311" "5626359" "5653462").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/08/26 15:22 |
| S19 | 47 | ("5821633").URPN. | USPAT | OR | OFF | 2005/08/26 15:24 |
| S20 | 10 | ("5413378" "5474327" "5539290" "5573269" "5626359" "5732375" "5821633" "5906393" "5987370" "6070115").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/08/26 15:31 |
| S21 | 1 | ("6476516").URPN. | USPAT | OR | OFF | 2005/08/26 15:35 |
| S22 | 20 | ("5232243" "5413378" "5454591" "5474327" "5570903" "5605348" "5618056" "5624132" "5626359" "5670853" "5678854" "5732375" "5821633" "5906393" "6005958" "6015163" "6039344" "6070115" "6330501" "6397136").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/08/26 15:40 |

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|-----|-----|--|---|----|-----|------------------|
| S23 | 33 | ("20010025730" "5229933" "5232243" "5413378" "5454591" "5474327" "5570903" "5605348" "5618056" "5624132" "5626359" "5670853" "5678854" "5732375" "5821633" "5890085" "5906393" "6005958" "6015163" "6029497" "6039344" "6070115" "6324453" "6330501" "6332103" "6345839" "6348663" "6397136" "6428041" "6490538" "6546817" "6557424" "6609054").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/08/26 15:48 |
| S24 | 47 | ("1808699" "1927651" "1934816" "1978325" "2892657" "3465476" "3710050" "3793772" "4115952" "4273974" "4315238" "4489302" "4532388" "4773155" "4810992" "4920241" "5016394" "5232243" "5233758" "5262603" "5276432" "5285136" "5296658" "5384982" "5398185" "5459962" "5474327" "5573269" "5592060" "5602370" "5612876" "5621290" "5750937" "5986221" "5987370" "6040532" "6056079" "6069325" "6070115" "6101436" "6138067").PN | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/08/26 16:03 |
| S25 | 9 | ("5474327" "5626359" "5658050" "5739757" "5748473" "5810392" "5877677" "5957491" "5987370").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/08/26 16:06 |
| S26 | 14 | ("6138067").URPN. | USPAT | OR | OFF | 2005/08/26 16:08 |
| S27 | 609 | 340/666, "667".ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/26 16:32 |

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| S28 | 416 | 340/667 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/26 16:32 |
| S29 | 609 | 340/666 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/26 16:32 |
| S30 | 652 | 340/665 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/26 16:32 |
| S31 | 9 | S28 and neural | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/30 10:57 |
| S32 | 2 | S29 and neural | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/30 10:57 |
| S33 | 9 | S30 and neural | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/30 10:57 |
| S34 | 2944 | 280/735 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/26 16:47 |
| S35 | 1287 | 280/734 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/26 16:47 |

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| S36 | 142 | S34 and neural | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/26 16:47 |
| S37 | 57 | S35 and neural | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/26 16:47 |
| S38 | 132 | S36 and seat | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/26 16:48 |
| S39 | 52 | S37 and seat | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/30 10:58 |
| S40 | 98 | S38 and classification | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/26 16:52 |
| S41 | 38 | S39 and classification | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/30 10:58 |
| S42 | 1974 | 180/271 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/26 16:57 |
| S43 | 774 | 180/273 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/26 16:57 |

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| S44 | 128 | 180/290 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/26 16:58 |
| S45 | 23 | S42 and sensor adj array | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/26 17:05 |
| S46 | 23 | S43 and sensor adj array | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/30 10:59 |
| S47 | 1 | S44 and sensor adj array | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/30 10:59 |
| S48 | 60 | S42 and neural | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/26 16:59 |
| S49 | 6 | S48 and sensor adj array | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/30 10:59 |
| S50 | 597 | 706/20 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/26 17:05 |
| S51 | 53 | S50 and vehicle | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/26 17:05 |

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| S52 | 13 | S51 and seat | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/30 10:59 |
| S53 | 139 | 702/101 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/26 17:07 |
| S54 | 53 | 702/129 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/30 11:00 |
| S55 | 14 | S53 and seat | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/30 11:00 |
| S56 | 0 | S54 and seat | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/26 17:08 |

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--------------------------|---|------------------|---------|------------------|
| L1 | 241 | 200/85a | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/30 15:07 |
| L2 | 0 | 1 and neural adj network | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/30 15:08 |
| L3 | 0 | 1 and neural adj net | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/30 15:08 |
| L4 | 3 | 1 and vector | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/30 15:08 |

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|----------|------------------|---------|------------------|
| L1 | 52 | VEHICLE ADJ SEAT AND SENSOR ADJ4 ARRAY | US-PGPUB | OR | OFF | 2005/11/30 11:33 |
| L2 | 8 | 1 AND VECTOR | US-PGPUB | OR | OFF | 2005/11/30 11:35 |
| L3 | 7 | VECTOR ADJ4 ALGORITHM AND OCCUPANCY | US-PGPUB | OR | OFF | 2005/11/30 11:34 |
| L4 | 21 | 1 AND OCCUPANCY | US-PGPUB | OR | OFF | 2005/11/30 11:39 |